

### **Amendments to the Abstract**

Please replace the subtitle and text of the Abstract as follows:

#### **Abstract of the Disclosure**

Production plants for treating gas mixtures and methods of their operation. The plant's treatment unit is operated in periods when the cost of electricity is either above a first level or below a second level. At some point when the cost is below the second level, part of the fluid is stored in a storage tank. This stored liquid is supplied to the customer when the cost is above the first level. When the cost is below the second level, a fluid with predefined properties is produced by the treatment unit. When the cost is above the first level, the power consumption of the treatment unit is reduced and a less ideal fluid is produced.

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